

# Notice of Allowability

Application No.

10/702,141

Examiner

Minh-Chau T. Pham

Applicant(s)

STRECIWILK, ERIC J.

Art Unit

1797

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Interview Conference on 12/10/07.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

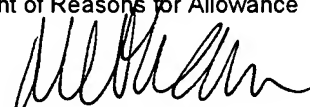
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Minh-Chau Pham  
Patent Examiner  
Art Unit: 1797

***Allowable Subject Matter***

Claims 1-16 allowed as a result of Interview Conference on December 10, 2007.

The closest relevant art is Mitchell (3,853,517) wherein Mitchell teaches a vacuum cleaner comprising a housing (10), a nozzle inlet (30), a dirt cup (14) carried on the housing, the dirt cup (14) including a dirt collection chamber, a filter assembly (16) including a filter housing (18) defining a filter chamber, and the filter housing (18) mating with the dirt cup (14) (see 26 in Fig. 1), and a filter element (22) held in the filter chamber (18) in the filter housing (10). Mitchell further teaches the filter housing (18) having a base (at 26), a sidewall (16) and a top (20) and the base including an inlet opening in fluid communication with the open end of the dirt cup (14) (see Fig. 1, col. 2, lines 15-26). Mitchell further teaches the filter assembly (16) further including a ribbed filter support (see 28 in Fig. 1) having a cavity to house a concave or a frustoconical filter element (see 22 in Fig. 1), and the vacuum cleaner further comprising a filter screen (36) held by the base across the inlet opening (see Fig. 1). Mitchell further teaches the dirt collection chamber being cylindrical in shape (see Fig. 1) and the inlet (30) being tangentially directed with respect to a sidewall of the dirt collection chamber.

Claims 1-16 of this instant patent application differ from the disclosure of Mitchell in that the invention calls for a vacuum cleaner with a nozzle inlet, a suction generator carried on the housing, and a filter assembly including a filter housing defining a filter chamber wherein the filter housing and the filter chamber are mated with the open end of the dirt cup.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh-Chau T. Pham whose telephone number is (571) 272-1163. The examiner can normally be reached on Mon/Tues/Thur/Fri 7:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duane Smith can be reached on (571) 272-1166. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



**Minh-Chau Pham**  
**Patent Examiner**  
**Art Unit: 1797**  
**December 10, 2007**

**DUANE SMITH**  
**PRIMARY EXAMINER**

*12-13-07*